NATIONAL LEAD COMPANY OF OHIO HEALTH AND SAFETY DIVISION - ANALYTICAL DEPT.

ANALYTICAL DATA SHEET

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THET PLANT - 1361

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| | 11 | NDUSTRIAL HYGIEN | E AND RADIA | TION D | EΡ | т. | _ | | | ANALY | TICAL CHI | EMISTRY S | ECTION |
| 1. H. NO. | | LE NOS.: | DATE BY: ROUTE TO: | | | | | DATE RECEIVED: BY: | | | | | |
| 75 2 | | | 11-9-61 | FK | | | FK | | | 11/20 | | | |
| LOCATION: | | | | | | ANAL | YZEC | F | OR | DATE REPO | TED: BY: | | |
| | Gleason Works Water | | | | | | | | Alpha | 12/4 | 161 | | |
| REMARKS: | | | 5 - 1 - £ • | . 37 | 125 | | | | Beta | METHOD OF | ANALYSIS: | / | |
| KOTIE | r die qi | uenching test - 1 | Rochester, N | Y . | <u> </u> | NO ₃ | | | <u> </u> | J- | liner- | metre | -c- |
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ANALYTICAL DATA SHEET

| INDUSTRIAL HYGIENE AND RADIATION DEPT. | | | | | | | | TICAL C | HEMISTRY | SECTION | |
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| г. н. no. 67 | | E NOS.: | CÔTECTED: BY: 11-9-61 FK | RO | FE FE | . TO: | DATE RECEIVED: BY: | | | | |
| LOCATION: | | | TYPE OF SAMPLE: | ANALYZED FOR | | DATE REPORTED: BY: | | | | | |
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| | INIT | DUSTRIAL HYGI | ENE AND RA | DIATION DI | EPT. | | | | | | MISTRY S | ECTION | | |
|---------------|----------|-------------------------|-----------------------|------------------------|-----------------|-------|----------|--|-----------------------------|------|-----------------|----------|--|--|
| I, H. NO. | | | | | | OUTE | | . | DATE RECEIVED: BY: | | | | | |
| 60 | | 6 | 11-5-61 | ¦ F | | FI | | | 11-14-61 DATE REPORTED: BY: | | | | | |
| LOCATION: | | | TYPE OF SA | 1 | | YZED | | <u>`</u> | 11-16 | 1 | | | | |
| Gleason | Works | | Air du | st | F | | Alp | | TT-TO | | | | | |
| REMARKS: | | | | | U | + | Be | Ta | _ | 1:00 | 11_15_ | -61 | | |
| Water qu | enching. | | | | NO ₃ | + | Ra pH | | MINOHZ | 1:00 | 11-15- | <u> </u> | | |
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| | | | | | C1 | + | TS | | COUNTING | ATA: | | | | |
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| SAMPLE NO. | HOUR | | SAMPLE DESCRIPTION | | R | T | - | Q | С | T | C/M | DPM/m | | |
| 5777 | | P Pump held immediately | over water | quench | .03 | .9 | 6 | .028 | 3 17 | 30 | .38 | 45 | | |
| | | placed on reslugs per s | oller venti | lated. 3 | 45 | | | | | | | | | |
| | | Siugs per s | amp ac • | | | | | | | | | | | |
| 5753 | | P Same as 5 | 777 | | .03 | .9 | | .027 | ~~~ | 30 | .64 | | | |
| 5748 | | P Same as 5 | 777 | | •03 | .8 | 9 | .026 | | 30 | .11 | 14 | | |
| 5757 | 2:30 | P Pump held while heati | over salt | heat bath Above 200 | .03 | - | 2 | .06 | 7 | 30 | .04 | 2 | | |
| | | slugs proce | ssed thus | far. | | | | | | | | | | |
| 5758 | 2:33 | P Same as 5 | 757 | | .03 | | 2 | .06 | 7 | 30 | .04 | | | |
| 5772 | 2:36 | P Same as 5 | 757 | | .03 | - | 2 | .06 | 5 | 30 | nd | nd | | |
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| | IN | DUSTRIAL HYG | IENE AND RADIATION D | EP | ΥT. | | | | | and the second s | MISTRY SE | ECTION | | |
|---------------|--|--------------|-------------------------------|----------|-----------------|------------|--|--|------------|--|-----------------|--|--|--|
| I. H. NO. | SAMPLE NOS.: DATE COLLECTED: | | | | RC | | £ TO |): | 11-14-61 | | | | | |
| 54 | | 9 | | K | | | | | DATE REPOR | | | | | |
| LOCATION: | | | TYPE OF SAMPLE: | <u> </u> | ANALY | ZEC | _ | | 11-17- | | | | | |
| Gleason | Gleason Works Smears | | | | F | x | - | pha | METHOD OF | l l | | | | |
| REMARKS: | | | | <u> </u> | U | ┼- | | ета | MAC#1 | | 11-16 | -61 | | |
| Each filt | er sampl | e rubbed ove | r 100 cm ² area of | ╟ | NO ₃ | ┼┈ | Ro | | MAOTI | 0.00 | BY: | | | |
| | | | ter final clean up | ╀ | Oil Be | ╁ | Th | | | | | | | |
| and chec | k with g | as proportio | nal counter. | - | C1 | ╁ | T: | | COUNTING D | | | | | |
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| SAMPLE NO. | HOUR | | DESCRIPTION | | R | | т | Q | C | T | C/M | DEPL IN | | |
| 110. | | | | | | | | | | 7.0 | n 15 | 10 | | |
| 5 7 80 | | S Quenchia | hood support in from | t | | | | | 222 | 30 | 7.15 | 18 | | |
| | | of machine. | | | | | | | | | | | | |
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| 5779 | | S Roller di | e | | <u> </u> | - | | | 03 | | 5.00 | | | |
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| 5768 | | S Supports | for roller dies | | <u> </u> | +- | | | - | | | | | |
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| 5769 | | S Structure | area under roller d | 110 | :S | ╁ | | · · · · · | | | | | | |
| 5740 | | S inside si | de wall of quench | | 1 | | | | 101 | 30 | 3.12 | 8 | | |
| 5740 | | machine. | de wall of quench | | | | - | | | | | | | |
| | | machine. | | | 1 | | | | | | | | | |
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| 57 7 0 | | S Filter sc | reen in front of mad | hi | ne | <u> </u> | | | 34 | 9 | 3.53 | 9 | | |
| | | | | | | | | | 220 | 0.6 | 7.83 | 20 | | |
| 5793 | | S Support s | tructure in rear of | | | ↓_ | | | 210 | 26 | 7.00 | 20 | | |
| | | quench tank | | | 4 | | | | | | - | | | |
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| <u>5792</u> | | | oor of quench machin | le_ | + | + | | - | | | | <u> </u> | | |
| | | reservoir. | | | - | | | | | | | | | |
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| 5 773 | | S cross har | inside rear of mach | ir | T A | | | | 145 | 24 | 5.79 | 15 | | |
| 3113 | | reservoir. | 1110100 1000 | | | | | | | | | | | |
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